RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10511,484
Source: IFW16
Date Processed by STIC: 3/15/07

ENTERED

RAW SEQUENCE LISTING   DATE: 03/15/2007
PATENT APPLICATION: US/10/511,484   TIME: 14:37:45

Input Set : **N:\efs\03_15_07**
\10511484_efs\20070313_Sequence_Listing_20747_200.txt
Output Set: **N:\CRF4\03152007\J511484.raw**

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 3 <110> APPLICANT: Jabbour, Henry
 4        Milne, Stuart
 5        Critchley, Hilary
 7 <120> TITLE OF INVENTION: FP RECEPTOR ANTAGONISTS OR PGF2 ALPHA ANTAGONISTS FOR
TREATING
 8        MENORRHAGIA
10 <130> FILE REFERENCE: 20747/200
12 <140> CURRENT APPLICATION NUMBER: US 10/511,484
13 <141> CURRENT FILING DATE: 2005-10-21
15 <150> PRIOR APPLICATION NUMBER: PCT/GB03/01536
16 <151> PRIOR FILING DATE: 2003-04-10
18 <150> PRIOR APPLICATION NUMBER: GB 0208785.6
19 <151> PRIOR FILING DATE: 2002-04-17
21 <150> PRIOR APPLICATION NUMBER: GB 0208783.1
22 <151> PRIOR FILING DATE: 2002-04-17
24 <160> NUMBER OF SEQ ID NOS: 20
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 19
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial
33 <220> FEATURE:
34 <223> OTHER INFORMATION: PCP-1
36 <400> SEQUENCE: 1
38 Arg Val Lys Phe Lys Ser Gln Gln His Arg Gln Gly Arg Ser His His
39 1               5                   10                  15
42 Leu Glu Met
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 52
48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: PCP-2
54 <400> SEQUENCE: 2
56 Arg Lys Ala Val Leu Lys Asn Leu Tyr Lys Leu Ala Ser Gln Cys Cys
57 1               5                   10                  15
60 Gly Val His Val Ile Ser Leu His Ile Trp Glu Leu Ser Ser Ile Lys
61               20                  25                  30
64 Asn Ser Leu Lys Val Ala Ala Ile Ser Glu Ser Pro Val Ala Glu Lys
65               35                  40                  45
68 Ser Ala Ser Thr
69       50
72 <210> SEQ ID NO: 3
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73 <211> LENGTH: 30

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 74 <212> TYPE: PRT
 75 <213> ORGANISM: Artificial
 77 <220> FEATURE:
 78 <223> OTHER INFORMATION: PCP-3
 80 <400> SEQUENCE: 3
 82 Cys Leu Ser Glu Glu Ala Lys Glu Ala Arg Arg Ile Asn Asp Glu Ile
 83 1               5                   10                  15
 86 Glu Arg Gln Leu Arg Arg Asp Lys Arg Asp Ala Arg Arg Glu
 87             20                  25                  30
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 91 <211> LENGTH: 15
 92 <212> TYPE: PRT
 93 <213> ORGANISM: Artificial
 95 <220> FEATURE:
 96 <223> OTHER INFORMATION: PCP-4
 98 <400> SEQUENCE: 4
100 Lys Asp Thr Ile Leu Gln Leu Asn Leu Lys Glu Tyr Asn Leu Val
101 1               5                   10                  15
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial
109 <220> FEATURE:
110 <223> OTHER INFORMATION: PCP-8
112 <400> SEQUENCE: 5
114 Ile Leu Gly His Arg Asp Tyr Lys
115 1               5
118 <210> SEQ ID NO: 6
119 <211> LENGTH: 8
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial
123 <220> FEATURE:
124 <223> OTHER INFORMATION: PCP-10
126 <400> SEQUENCE: 6
128 Trp Glu Asp Arg Phe Tyr Leu Leu
129 1               5
132 <210> SEQ ID NO: 7
133 <211> LENGTH: 9
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial
137 <220> FEATURE:
138 <223> OTHER INFORMATION: EP4 receptor antagonist
140 <400> SEQUENCE: 7
142 Ile Phe Thr Ser Tyr Leu Glu Cys Leu
143 1               5
146 <210> SEQ ID NO: 8
147 <211> LENGTH: 8
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial
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151 <220> FEATURE:
152 <223> OTHER INFORMATION: EP4 receptor antagonist
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156 Ile Phe Ala Ser Tyr Glu Cys Leu
157 1               5
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 8
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial
165 <220> FEATURE:
166 <223> OTHER INFORMATION: EP4 receptor antagonist
168 <400> SEQUENCE: 9
170 Ile Phe Thr Ser Ala Glu Cys Leu
171 1               5
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176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial
179 <220> FEATURE:
180 <223> OTHER INFORMATION: EP4 receptor antagonist
182 <400> SEQUENCE: 10
184 Ile Phe Thr Ser Tyr Glu Ala Leu
185 1               5
188 <210> SEQ ID NO: 11
189 <211> LENGTH: 8
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: EP4 receptor antagonist
196 <400> SEQUENCE: 11
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199 1               5
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203 <211> LENGTH: 8
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial
207 <220> FEATURE:
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210 <400> SEQUENCE: 12
212 Ile Phe Thr Ser Thr Asp Cys Leu
213 1               5
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 7
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial
221 <220> FEATURE:
222 <223> OTHER INFORMATION: EP4 receptor antagonist
225 <220> FEATURE:
226 <221> NAME/KEY: UNSURE
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      227 <222> LOCATION: (1)..(1)
      228 <223> OTHER INFORMATION: Xaa at position 1 is 4-biphenyl alanine
      230 <400> SEQUENCE: 13
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      233 1               5
      236 <210> SEQ ID NO: 14
      237 <211> LENGTH: 7
      238 <212> TYPE: PRT
      239 <213> ORGANISM: Artificial
      241 <220> FEATURE:
      242 <223> OTHER INFORMATION: EP4 receptor antagonist
      245 <220> FEATURE:
      246 <221> NAME/KEY: UNSURE
      247 <222> LOCATION: (1)..(1)
      248 <223> OTHER INFORMATION: Xaa at position 1 is homophenyl alanine
      250 <400> SEQUENCE: 14
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      253 1               5
      256 <210> SEQ ID NO: 15
      257 <211> LENGTH: 19
      258 <212> TYPE: DNA
      259 <213> ORGANISM: Artificial
      261 <220> FEATURE:
      262 <223> OTHER INFORMATION: FP Receptor Fwd Primer ,
      264 <400> SEQUENCE: 15
      265 gcagctgcgc ttctttcaa                                          19
      268 <210> SEQ ID NO: 16
      269 <211> LENGTH: 30
      270 <212> TYPE: DNA
      271 <213> ORGANISM: Artificial
      273 <220> FEATURE:
      274 <223> OTHER INFORMATION: FP Receptor Rev Primer
      276 <400> SEQUENCE: 16
      277 cactgtcatg aagattactg aaaaaaatac                              30
      280 <210> SEQ ID NO: 17
      281 <211> LENGTH: 24
      282 <212> TYPE: DNA
      283 <213> ORGANISM: Artificial
      285 <220> FEATURE:
      286 <223> OTHER INFORMATION: FP Receptor Probe
      288 <400> SEQUENCE: 17
      289 cacaacctgc cagacggaaa accg                                    24
      292 <210> SEQ ID NO: 18
      293 <211> LENGTH: 20
      294 <212> TYPE: DNA
      295 <213> ORGANISM: Artificial
      297 <220> FEATURE:
      298 <223> OTHER INFORMATION: Ribosomal 18S Fwd Primer
      300 <400> SEQUENCE: 18
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304 <210> SEQ ID NO: 19
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306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Ribosomal 18S Rev Primer
312 <400> SEQUENCE: 19
313 gctggaatta ccgcggct                                      18
316 <210> SEQ ID NO: 20
317 <211> LENGTH: 22
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Ribosomal 18S Probe
324 <400> SEQUENCE: 20
325 tgctggcacc agacttgccc tc                                 22
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/15/2007
PATENT APPLICATION: US/10/511,484   TIME: 14:37:46

Input Set : **N:\efs\03_15_07**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 1
Seq#:14; Xaa Pos. 1

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

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L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0